

**EAST Search History**

| Ref # | Hits | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------------------|------------------|---------|---------------------|
| S211  | 3    | S210 and isovalent  | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | ON      | 2008/07/22<br>13:57 |
| S214  | 10   | ((iii\$1v or (iii adj v) or gan or (gallium adj nitride) or (nitride adj based) or nitride\$1based) with (isovalent))   | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:01 |
| S217  | 27   | (oxide with (sulfur or selenium or tellurium) with (semiconductor or semiconductive or semiconducting) with (p \$1type or (p adj type))) )  | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:13 |
| S219  | 1    | S218 not S217   | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:19 |
| S218  | 5    | (((sulfur or selenium or tellurium) with (oxide near2 (semiconductor or semiconductive or semiconducting)) ) same (p \$1type or (p adj type))) )  | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:19 |
| S222  | 56   | S221 and (@ad<"20050915"<br>or @rlad<"20050915")  | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:20 |
| S221  | 61   | S220 not S217   | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:20 |
| S223  | 4    | ((sulfur or selenium or tellurium) with (oxide near (semiconductor or semiconductive or semiconducting)) with (dope or dopant or doped or impurity or doping)) )  | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/22<br>14:25 |
| S229  | 4    | ((aln or (aluminum adj nitride)) with ((c or carbon) or (tin or sn) or (be or beryllium) or (mg or magnesium) or (zn or zinc) or (cd or cadmium) or (ca or calcium) or (si or silicon) or (ge or germanium)) with (p\$1type or (p adj type)) with (( phosphorus) or (arsenic) or (sb or antimony))) ) | US-PGPUB;<br>USPAT             | OR               | OFF     | 2008/07/28<br>13:28 |

7/30/08 7:42:54 PM

C:\Documents and Settings\kquinto\My Documents\EAST\workspaces\10790864.wsp